

Serial No. 10/564,439



IN THE UNITED STATES PATENTS AND TRADEMARK OFFICE

TCP-002

Applicant : Naoto Hirosaki  
Title : FLUORESCENT SUBSTANCE, METHOD FOR MANUFACTURING  
THE SAME AND IMAGE DISPLAY DEVICE  
Serial No. : 10/564,439  
Filed : January 12, 2006  
Group Art Unit : 1793  
Examiner : C. Melissa Koslow

Hon. Commissioner for Patents  
P.O. Box 1450, Alexandria, VA 22313-1450

DECLARATION UNDER RULE 132

Sir:

I, Naoto Hirosaki, having a post office address at c/c National Institute for Materials Science of 2-1, Sengen 1-chome, Tsukuba-shi, Ibaraki 305-0047, Japan, declare, as follow:

I am a sole inventor of the above application.

I invented the present invention in Japan about europium-activated  $\beta$ -sialon phosphor and filed a patent application as Japanese Patent Application No. 2004-070894 on March 12, 2004, and subsequently filed a PCT application PCT/JP 2005/004596 on March 9, 2005, which was entered in the U.S. National phase as Serial No. 10/564,439 on January 12, 2006.

Before the Japanese application was filed in Japan, the assignee of the present application established a joint research agreement with Fujikura Ltd. on July 1, 2003 about europium-activated  $\alpha$ -sialon phosphor and light-emitting device using the same.

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Since the present invention is directed to europium-activated  $\beta$ -sialon phosphor and invented only by me, I am the sole inventor of the present application.

I invented another invention with other three inventors based on the joint research agreement and filed Japanese Patent Application No. 2005-079059 on March 18, 2005. Subsequently, the invention was filed in U.S.A. as Serial No. 11/344,126 on February 1, 2006, which was patented on August 7, 2007 as US 7,253,466.

Under the circumstances, the invention as disclosed in the present application was invented by me, not other person; the invention disclosed in US 7,253,466 and overlapping in concept with the present invention was invented me; and the invention disclosed only in the patent was invented by me and other three inventors.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Date December 19, 2008 By Naoto Hirosaki  
Naoto Hirosaki